Hypine Of Circulation, Clothing, Batting, Excretions.



The broad tapewoom is peculiar to bentral lourofe his king to the CIRCULATION mest great division: - Hygiene of. the circulation of the blockith keep a balance of circulation. The heart must be in a sound HEART. states there must be no obstruction The balance of flood in the head is the most in the head HEAD. cool the feet warm". The brain is in a close box which does not allow expansion. When much blood is in the feet, they swell mocenty. To adapt the brain to changes ADAPTATION THE BRAIN. the carolids are contorted in sleep the least possible amount of blood goes through. Excess of blood in the brain endangers life. Some vibrat ory movement is necessary. The vains carry the blood back as fast as it goes into the brain.

142 & relief of meaninea, Blunchak. and of 18th centres antinp ato the thory lendy in 1521 do an elich o Dushan late - experient & Hanmond

143 The cerebro-spinal fluid, common CEREBRO, SPINAL to both brain & spinal marrows goes down when there is an excess of blood in the brain was too fing po STOOPING The effect of the sixtes application of cold, is well known We put cold water to a hot head, It is an error in children to WRAPPING put a glarge capon the head. It INFANTS IN CLOTHES is untractions A want of knowexige fledity the practice of keaping blankets on children, thus excluding/freshair and often making The heart should be sound HEART. It is disturbed by excessive enercise. of then we exercise our muscles, the heart by synergy, acts with them Efwe nin the fullse nins also. Hypertrophy, or enlargement of the heart may result. This is auxed by either obstruction of the valves, or

Dr. Cornelius Black on importance of purant to continuance of life in persons with futter or to continuance of discussed hearts after middle life of the organizable life of AND, Dystille. Dr. Balati. Space How more frequest among soldiers than amy civilians. A the weight & End of 11th Lecture, 1872. of the accontrements on the Knapsack, &C. Alexander Prize Essay, 1871, By of Cornelius Black's observations on the influence of insufficient aeration of the bland in promoting degeneration disrepresenting, from important oxedation through y muscular tisene,

145 proloned violent yfortes or excitent of the heart. by reservice. Firemen often have this disease. It is also caused by excessive gymnastic exercise: crist town Over-exertion often produces abouthey instead of highertrophy thatin fall requires nourishment & rest. common soldiers, who amproved among soldiers, who get overhauted by long marches and want mother of food & rest. This not mentioned in Curopean ar-STIMPTOMS. mies, It is characterized by rap idity without energy, feelle beat, no valvular murmur, incapacoften suffered from its wong beatment. ne real exercise, and coffee, and EXCITANTS. as Richardson says, tobacco, hurry the movements of the heart. TEMPORARY HON, Tempovary palpitation is often caused by newousness. If kept up, hypertrophy midly results MECHANICAL ON. Aschanical obstruction of the ve nous blood, as by stooping, tenos

how ? Condition of Road? distance; Williamy phys. Resistance in both Ridney to outfer from avota inte renal arteries?
This resistance is not necessary, Ry Jouls -Hein Variose vens -I from trans & ulcers Thursone, rest, recumbent, is necessary in their treshout. 6th Lecture, 1873. Climatitum (2003), Amile y Esternela Responsible (Clerk, & Brite) Criculation (Clerk, & Brite) of Exerction (Clerk, & Brite) of Exerction (Clerk, & Brite) Dutes, of Personal Hyppones: Sperreampring trudation - Physica SErgen Exery Statutes, Parker Wyster -anient motors -Mestal Hymn Willie Bry grow Donnetter 7 Home & Caller

- Charles of F O'A venous state is said to favor immunity from tuberculospes (Kokestaneky), not well proven. Sential. A tight cravat or garter FULL TION is injurious. Thinks Lacing! SUPPEN PATION OF COLD. The sudden offer application of powerful cold, is ungafe. When heated we do not Innikice water It is not so much the heat, but the fatigue which makes it dangerous. We next take up the The uses of the skin are for Secretory, Next to the stomach, the Excretory, (skin is abused more Sensitive, (than any other organ. Protective.) Under hygiene of the skin we shall consider clothing and bathing. Clothes were first adopted for CLOTHES. decency, In different countries the manner of wearing them is different.

148 I selection the scamples, to pass "Kimits of perfect recovery" in propose. A bridge, e.g., made hor 5 times as strong as is needful to support the passage of any one train of cars over it; because every straw (otherwise) impairs its anduring powers.

Among the lower classes of couple, a woman will often expose her DIFFERENT PIES. body so as to use the only clothing she has, to conceal her face from the eight of men. Now were feet, not had in mosque. Dickering says that in the Pacific islands, those who wear clother become diable to colds. The great principle of clothes their being now conductors flest. REQUISITES PER. Clothan must be 1st. sufficient, 2nd. not excessive in amount or pressure, 2d. properly distributed, 4th permeable to air Amoisture, & Some men think pit many to NOT RING WEARENOUGH wear as little dothing as possible. This is a mistake, we should always wear enough. To tattle raisers find that it is economical to house their cattle in Winter The temperature of a sitting room should be 90%, especially in cold ROOMS. weather; that of an office 65°; that of

150 of Heat of radiation & that of the air of a nome may be quite different or the same time. 1875, the tendency to inflation, in fashion, seams the time to have passed by; contraction prevails, approaching closely to a substantial basis. Whether This is or is not to the followed by the pantaloon, or the chemiloon, not even "Old Probabilities," can tell; as Jashion, like necessity, knows no Caw, and very little reason. How will for mind.

your in while feefle are working or moving about 151 somewhat less; that of a sick room Talways as high as 700 at middle of room. Oxcessive clothing, overheats and CLOTHES. overburdens the body. The heavy skirts of ladies were very bad. The L hoopskirts accomplished wished for expansion, and are besides ADAPTATION TIME ONE TO are very injurious.

THE WEATHER We should adapt our clothing confliction have six sets of clothes on in the morning. Every hour, they take off one, well about more of them a ogam, On the Nile, the boatmen wear BOATMEN. pants, shirt, cloak, and shoes. If it is warm they leave off the cloak, if very warm, the pants and ef they have to get into the water off goes everything. In the distribution of clothing, CHEST. the chest is the most important to be covered, If we keep the chest warm and leave the hands bare,

152 Highest Surf Temperature HIGHEST TEMPERMURE, Boulogne, France\_ 65°-70° English Coast \_\_ 680- 120 Normandy. 69°
Baltic Sea - 66° Mediterranean Inicate\_ 86° Reculiarities of Sea Water DECULIARITIES 1. It is stimulating to the skin, by the SEA WATER, salto contained in it. 2. It is denser than fresh water, and by pressure tends more to send blood to the head. 3. The salts are to some extent absorbed, and act upon the secretions. Precepts. Always wet the head soon and PRECEPTS. often, in bathing.
Remain in the surf only 1861.

15 minutes (for health).

153 than our hands i if we wore g chest CREAT ORGANS The chest co 16-4 lungs. It is great heater- XAMM, ide of a furnace Next to the careful of the It has no dis more subject a of sudden char 1 worl flannel bar Thoman Warm weath dontra In regare feet require the most care. They are the farthest removed from the rapidly health, hower, Fecture XXIII in very cold weather. Olothing moist allow livation, Overing the inauguration of one of the popes, a child was gilded to represent the golden age. The child died. BADBURNS. If the body be burned badly, even

AN the accusion of Leo X to the paper ighest Surf Temperature Chair of Kome, there May --- 70°-80° in Florence, on little ne, France\_ 65°-70° h Coast \_\_ 680- 120 In am contro the ndy. \_\_\_\_\_ 690 Sea \_\_\_\_ 66° over with good of, to represent the Extension anear Trilete\_ 86° " Rge! The chils died eliarities of Sea Water in a few horos in lating to the skin, by the Conversions, the sponed in it. e tends more to send he head. tetors tim your 1 of the cause. That the cutares transfer ere to some extent ale ere to some extent absorbed, Precepts. Always wet the head soon and PRECEPTS. often, in bathing. Remain in the surfonly 15 minutes (for health).

owe hands will be warmer than if we wore gloves and left the chest exposed. GREAT ORDANS The chest contains the heart & lungs. It is so to speak, the great heater- in the case, of a furnace. Especially the fitted in wint & the Next to the chest, we should be careful of the abdomen. It has no bony casing and is more subject to vicissitudes of sudden change. Our soldiers wore flannel bands around the abdomen Warm weather relaxes the abdomina In regard to the extremities, the FEET. feet require the most care. They are the farthest removed from the rapidly heated, hower, Feature XXIII in very cold weather. Olothing moust allow evaporation, Diving the inauguration of one of the popes, a child was gilded to represent the golden age. The child died. BADBURNS. If the body be burned badly, even

\* charge of clother, very important to the cick. Et- mary form my sounds soul

155 means of drying precipitates, and if the doors are left open there will be but little danger of burning them; while if we wish a heat of one hundred and fifty or two hundred degrees Centigrade, it is easily Cess ti Allow obtained by shutting the doors. A small still set on one corner will furnish all the distilled water AAn that is needed in a laboratory where not more than two or three are working, by running it one or two vent days in the week. And further, if there is a good draft we can easily melt a pound or two of any hences metal that has a lower melting point than silver, by placing the crucible in the fire. We are perhaps somewhat enthusiastic on the subject of a cooking use of stove, but we have just got possession of one again after doing without for a year or two, and we know REMOVAL, NG. how to appreciate it. en enouse PRACTICAL RECIPES. not wear the same, night & day. Those who have to do so the sitting by a bath on the morning. I Soldiers Suffer much from their SOLDIERS having to weak their clothes so long. They could sometimes be smelled across the street Washing feet on march very important Uncleanliness does not injure MONTATION TO ATTOMSTANCES AND as much as would be expected. There is andaptation to circumstances. The other excretory organs help the skin. The fact that shotted fever is coincident with war or garrisons shows its connection with unchante son produced by

EXHALATION OF CARBONIC ACID BY THE 154 SKIN. - Some interesting researches with regard to the amount of carbonic acid exhaled in a given time from the skin of a man, conducted by Herr Aubert, and his assistant, Herr Lange, have appeared in Pflüger's Archiv für Physiologie. The experiments have been carefully made in an air tight chamber, in which the subject for experiment was seated, and through which a current of air freed from carbonic acid, was steadily passing, while the proportion of carbonic acid in the air on leaving the chamber was estimated by transmission through bulbed tubes containing a solution of a salt of barium. The results of these investigations lead to the general conclusion that sixty-two grains of carbonic acid are exhaled from the body of a fullgrown man through the skin in the course of twentyfour hours. (organic matter also. Ex-word arm with sweet

less than half, death will follow. Any clothing which will frevent transpiration as unhally hence care must be taken in the use of gum blankets, gum shoes, &c. & Goods Olothes should be removed oft CLOTHING. en enough for cleanliness. We show not wear the same, night & day. Those who have to do so ty sitting soldiers suffer much from their having to wears their clothes so long. They could sometimes be smelled across the street Washing feet on much very important. Uncleanlintes does not injure ADAPTATION TO CIRCUMSTANCES wo as much as would be expected. There is and adaptation to circumstances. The other excretory organs help the skin. The fact that shotted fever is Callods, shows its connection with unchante ness. It is poison produced by a number of such that the such the such the such the such the such the such that the such the such that the such the such that t White Chart experiments with young animals. Markets were to the seal of the state of the seal of t 

157 the long existence of foul matter in the clothes of soldiers) Children require more clothes than CHILDREN. thought so their legs arms, eshe-cially should be frotected to gard the dress of ladies. The term "FULL DRESS" "full dress" is a misnomer. It mayled in a warm room she is liable to take cold alt more than of the ma-terials used for clothing, is wool, silk, cotton, and line WARMEST MATERIALS. is warmer than wool. We under-RUMFORDS ON. rate the value of silk. It is a nonchargets are constantly in the ELECTRICITY. air. (See Venezis paper on effect of weether on operations. Pa. Hosp. Rep. Furs, down te are very warm. FURS, &c. In the Arctic regions furs must be weld; and they make the exposure there tolerable, -

Topen, loves fabris are drys warmer than compact, close ones; the air in the interetices is a slaw conductor. Thus, e.g., the collect themps for the hands are tight kind gloves; the warmest, worlen or fur mettens. The What is it! Grecian Bend !!!

not only its nonconducting profits The advantage of flanner, is its porosity; And enabling it to absorb perspiration. It is also stimulating to the skin. In tropical climates it keeps Those who are the sheumatism, newalgran or any diseases which depend on temperature should wear flannel all the year round. the feet are less respected than in the East. There they are kept with the kiss the feet is not sont a disgusting fractice. They don't need such warm covering. Shoes without heels are easiest to walk in, and loose shoes are better than tightones. High heels throw the body forward (Ladies)! FAULTS IN SHOES, Our shoes are now made as they should be. They should have a wide sole, allowing room for There is some informal in this within a few years

Bythe way, The first man to carry a sitk umbrella In Philata. was Ir John Morgan; who, with Deplant of the Medial Deplant At Unice of Remisshown, more than & Lewis & century ago. Umbrellas to keep of the Leun are directout in the East; in some sociental Countries they are allowed to be used only by persons of high rank. The royal umbrolla of the King of Ashanter has total taken to England as a trophy (1874) by

161 Some, parts of In France and England, Child very often wear shoes with wooden Stoes. What is paved in money, is lost in health & comfort, Banfoot better. Stockings should be adapted to the weather. Many cannot wear woolen stockings. A few regime men peppines sols, HATS! Hats are of modern origin. The Greeks & Romans did not wear MODERN JOZCAPS & turbans. The turban keeps off the sun. Englishmen in hoa often wrap a veil around their hats. Use of an umbrella here, our hot nowns, is rational. Theavy hats are unreasonable. They weigh on the brow, and exclude air; but cause baldness. Nomen seldom lose their hair as soon as men. In hat ment. The tright felt is a great improvement, it has a was ones a common error LIGHT FELT. VESTS . to leave the breast almost uncovered. Old vests were open almost all the

A primastic dress: week often more by ladies for mountain expussions in travelling. The hein bent was never peen not heard of the heard its classes breeze of Aspasia and Physics. End of Lecture 24th 1867.

163 way down. And as good as it has ever been. There orass. Thenty of ventilation below) very basichary, no doubt. EXERCISE. Ladies cannot take exercise. the skirts did not go below the knees, they would be better the There is a tendency to artifical or the cial of beauty, at the present times Beauty unadorned, is adorned the most." We see no marks of corsets on the ancient statues! If the female figure were allowed to develop, there would be more beauties than there your are. The best cosmetic is freshair; The great beautifier is health X Bedding .- Hair, cornhusks, feathers, down, are the mo and straw are the materials mostly used Feathers and down are too soft-The hardest bed we can comfortably

A Doubtful even for engical cases. Expl. Better, if possible to service pressure from effected forte, at change position often wen if but a little Most perfect bed, a good hair mattress or a feather bed, and this and spring bedstead. \* Sick date change often, of course with case.

Catent sponge is My Confor VG 60 sleep on the better Ir must be very good of genangton. The hair mattrass is the best! Some people charge to sleep on air or water weeks : . ? Orequent airing of clothes is ne-AIRING OTHES. cessary. They should be turned Dio Yewis says that he restored a person to health and sleep, by having his bed-clothes aired BATHING Bathing was practised by the sprients for health and religion. ancient Egyptians & fews. The Mohammedans took the custom from the seurs. The Greeks & Romans also practised it. At one time there were over 600 in ROME. baths in Rome. Some of the were as large as small towns; as the Baths of Caracalla; whose nums yet remoun. My had many apartments; an undressing room, tepid bath, gym-DIVISIONS BATH nastic room, cold bath, anointing room, &c.

167 The English adopted the Roman method. The Order of the Bath is of unknown origin, but, be. In the Middle Ages, baths wermuch MIDDLA AGES. used for protection against leprosy. Northern Europe, bathing has NORTH OPE long been practised: all & ham The Russian bath consists of a VAPOR room heated to 120° 130°. The person BATH. remains about 10 minutes, He then goes into a room to be washed. HOT AIR OF In the good of this kind of bath. Copious perspiration takes place. Waths are divided into cold, lepid, warm, & hot. Water softens the body. The principal effect depends on temperature. Different temperatures - page 134. COLD BATH. The cold bath has two effects. It is first depressing & If continued

HALLE HALLES HER BOOK AND THE STATE OF THE S 6 As I have prival by experienced; with a young my after a cold both of there were of temperature of 1. \* J. Manuel, Ir. Slately introvered (after Currie) in treatment of hot fever; < A Remake on remedent use of the warm bate: In crown, languagesmis, convulsions, tetanus, choras hysteria, mania - as relaxant, antispasmo tre 5 Scalmative of gold stone, of stone in uneter & intestinal & Chapman Chapman of Chapman of Chapman of Chapman of Chapman of the Carrier So wan 1987 in Gener Sielinester of the Carrier So wan 1987 in Gener Sielinester of the Carrier So wan 1987 in Gener Sielinester of the Carrier So wan 1987 in Gener Sielinester of the Carrier So wan 1987 in Gener Sielinester of the Carrier So want of the Carrier So wan 1987 in Gener Sielinester of the Carrier of the Carrier So want of the Carrier of Efell of fermions a conjective fever - & in cold Un pourolgies & chronic show ation. Vafor bath in Myropholin - or Holandelley Motair buth in chronic affections of the expected bath, new 1872 L

long, this will be the only effect If we get out soon, there will be a reaction. In Bell denies this fact, DR. BELL. but he is wrong. This is the great object in the Vbath. Delicate persons cannot use it The cool bath is the most used COOL BATH. The tepid bath is best for weak, Warm & hot baths are only used in WARM certain diseases, Warm is relaxing - Let stimulant. HUT. Sound infants require the water INFANTS. to be as high as 90° N fort; couply horn. The shower-bathe is safer than the SHOWER ALH plunge bath, in soultful casy. The hot bath as suited to those who suffer from neuralgia, chills, anemiale Times of using baths\_ We should TIMES OF USING BATHS not bathe after taking a full meal. Just as a full meal sories cause nightmane, so in this case. The best time is before a meal. disadvantageous even if we are \* Theated provided we are not exhausted, or out of brest or with guineand heat.

ogood in skin dierkons & chronic rhoundien.

If notification; sometimes to useful experiently in one of defeatures of the lines; comment, neurolgia, ochronic uten sing. & other chronic, cachestic affections. End 23/Lox. 1869 + Collect a Rooma Gell Spr. 512 Salt boths ar home - for feetle children to.

Baths are simple or medicated Oil, milk, blood, re. have been used on particular occasions. In some springs, there are jets man gent effect. If long continued, it is ancesthetic. Medicated baths are saline, acid-MEDICATED BATHS. ulous, chalybeate, & sulphurous. They have the same effects as when the components are later into the stomach; but in less degree. SULPHUROUS. Mu Sulphurous & water is alterative; chalifeate, is lonic. Saline waters affect the secretions; The benefit is also due to local causes, change of scene ke The baths of Vichy, in France are VICHY. The water at Ems is 1240 recon EMS. The highest in Europe is 150: The temperature of the sea, is TEMPERATURE SEA. lower than that of fresh water

173 gentle skin by the The stimulation of the water makes sea bathing than fresh, but its greater density tends to drive the blood to the head The head should be dipped soon & often. The density of sea water is greater than that of fresh water It is easier to float in it. tobe beneficial. The bath should be short Fix the report of trust physical after many years observation at Bouley

Obttend of very good way to avoid taking

PREVENT cold, is to bathe the neck & chest every COLO. morning, in cold water. Coldwater warms better than hot does. Dar next subject is > (sky, 1871) HAIR & Hygiene of the Hair. Hair is a vegetable growth. If allowed to get matted, it dies at the roots, hear It grow after death It is necessary to keep the head clean, but too much WASHING washing is injurious. It washes out the natural grease. Grease should be used, only when GREASE.

of not of the almosts for pleasanting odor. End of Lecture 13th, 1872 ( Alexander the heat first mode his soldiers remme to line ) -\* Koman Joldins, & glasiatos -Papel Minico at Court of frances Cromnell - Routherts & Carling Ten years ago, it was west respectable in England to wear a moustacke. The Bontine tal European custom spread first to dension, I now more cloud in England with ladies at the present time (1871). And not only borners or bought locks of hair, - but barbarous compounds of the kinds to substitute it. The chignon is an abomenation; I believe it is now, happily, owappearing in most place [72]

175 necessary, from defecting of the natural sobacers weter, Cantharades, ammonia, & castor oil DBURCTS USED. are most commonly used for the hair, If the hair be lost from ilness, it should be shaved & afterwards kept out close to wear the beard. I beneat that been so universal I BEARD, Lent law shave the mos shaving is obscure. Lent law shave then their were mowning.

The next subject is the 12 the KUTEETH. TO Hygiene of the Teeth. In this country, the teeth decay EMPECAYINA. Very soon. At a Dental Convention held some years ago, four causes were suggested viz: not so. Acid will dissolve the mineral hart of teeth so that it is not safe to take even allum. The only way in which it is possible for acid

174 o nut oil of title almosts for pleasanting odor. Pliny states that the Romans did not begin to A facture 13. 1872 shave till the year of Rome 454, when Publius Ticinus brought over a cargo of barbers from Sicily. He adds that Scipio Africanus first set the fashion of being shaved every day. But, according to the same authority, after the age of fortynine, every man was expected to wear his beard long. Young men underwent their first snipping Sreat first more his soldiers remme the load at the age of twenty-one, and visits of ceremony were paid on that important occasion. The first chin crop was devoutly inclosed in a small gold Toldies, & glasiatos or silver box, and then presented as a votive offering to some divinity, mostly Jupiter Capitoli-The first fourteen Emperors of Rome were shorn, down to Adrian, who revived the beard to hide certain blemishes on the imperial skin. Beards held their own till Constantine, whose Steadless Loves XIII & in Spaper Philip V mother, Helena, became famous as the "invent-Cromnell - Routhert & Carling Ten years and I was was was expertable in England to wear a moustacke. The Boating to European custom spread first to arraice, I now mor slowf in England with ladies at the present time (1871). And not only tomorn or bought locks of hair, - but barbarous compound of other kinds to substitute it. The chignon is an abomination; I believe it is now, happily, ownspering in most place [72]

175 MINISH necessary, from deficiency of the natural sobacers weter, Canthardes, ammonia, & castor oil DBNEALS ARED. are most commonly used for the hair, of the hair be lost from ilness, it should be shared & afterwards kept cut close. It has often been asked if it is good BEARD, to wear the beard. It is, certainly. It protects the throat assure cold; policy, des, to not have when the most, the history of shaving is obscure. The couplians lent la shaved when their were mounting.

Lent la shaved when their were mounting.

JENE OF,

JENE OF, AGTEETH. TO Hygiene of the Teeth. In this country, the teeth decay EMPECAMERICA. Very soon. At a Dental Conveytion held some years ago, four causes were suggested viz: not so. Acid will dissolve the mineral hart of teeth so, that it is not safe to sat even allum. The only way in which it is possible for acid

to Not impossible: - amount of lime in Forl has been former to affect the size of love in cattle pretured upon W. Leptothrix bueslis. End of Mat Lecture, 1868.

unfavorably on the teck to act is in indigestion, acid being formed in the stomach and thrown into the mouth, 2nd. Want of lime in our food. That this is not so, is proved that phosphate of lime hasses in our excrement, show ing that there is an excess of it tody. Ind. Inherited race proclivity. This has no doubt some effect. The negoes have good teeth. The English lose their both soon Enysten forty with it the cause, Fibres of meat get between CHEWING the teeth and decaying there, decay, the teeth Imperfect mastication produces indigestion so that acide Jartar is a regelable growth on the teeth. Some say it is protective A sound, clean, tooth, is much better. a day, is important bard rule CLEANING THE TEETH. bing is safe. made of very fine The best tooth powder, is, charcoal, POWDERS.

Castile Singe very good -End 24th Leture; 1870 Partielly so - longe westine Acidney :

c. soap, myrrh, & & Peruvian bark. Agood looth wash xx about to drops TOOTH SH of tincture of myrch, in a glass of water The myrch acts on the exposed nerve and prevents further deciey. There are three kinds of toothache. 1st. Exposed nerve. This is the most TOOTH-ACHE common, I jam, with a mithet alway; EXPOSED E. 2nd. Inflammation (coldinface) IN FLANIMATION 3rd, Neuralgia. NEURALCIA We have the most control over the first. Cressote is a certain cure. CRECISOTE. It coaquilates the neuring, actate of lad, Cilof cloves, laudanum, Chloroform, OBJECTISE PLANTED, & tobacco fumes are some-Kinesused bevertion when toth are tender. The next subject is the LEVERETION A Hygiene of the Excretory Organs. The liver is not exceeding only. We have no direct control over it Mercury does affect it or As demote without LIVER. Diseases of the liver are frequent in hot climates. A see the should avoid encess of food which

\* Eastro-hepatic catant of Rhambers.

Cholonia, Cholesteroma of Phint, and of 25th Lecture It is natural to almost every one, in health, to have one ovacuation daily. I have know one man, for years Conther in perfect health, to average 2 passages daily, medical A gentleman attending my lecture on this subject in 1874, told me of a blacksmith who lived to be 74 years old, who for 40 years averaged but one passage in 9 days - yet with good health except rectal prolapsus. During sea sickness the bonels (as well as hidneys) act very slowly. I have been, at sea, 7 days without any movement of, or a communication in the bonels, E. H. B. told me had been 11 clays at sea without a passage.

requires the assimulating & action of The liver alcoholic druks also stimulate or intate the liver. The term bitiousness is misused. BILIOUSNESS Simple nausea of the stomach, is sometimes so called. Inflammation of the Intestine involving the liver, is common. In real biliousness there are cer Danielain signs: yellow tongue, eyes, & skin; bitter taste; nausea, & dizziness, vient also, blue mass, bicarbonate of soda and magnesia. X Bowels: - We have the most direct control over them. Neglect will cause constitution, though this may be proved to other The longer the neglect, the greater the evil ABSORSYSON. The mugus membrane of the large intestine can absorb the liquid hortion of excrement. This will make the excrement so hard that it will be impossible to expel it.

Albert - Comp. Edr. Colonymik Rhubart Sulphur Sat. mu. Vonue. Themata & Suppositous: Crarin sospenster, In children, officer occasional - promod

comprimere anum? one of the P.172 Evils and dangers of constipation (page 172) Have It is & primary nice not to allows " the anus forcibly to compressuitely. 8000 We should usest good food, fuitin 28275M1 season. All fruits are good Fran bread is good, Legular line for STEWED PRUNES defecation. Most people find after breakfast, the best time, though any PAGE -191 will do. Causes of Constipation (page 172) The bowels are also the aided by PRESSURE, pressure; and mild catharties. Deficiency of innervation is seen is studious men particularly. Enercise promotes regularity. Vrine: - Neglect will not produce ivitation, It is almost impossible to detain the wring Gravel is promoted in those who have such a tendencyto it, by too long detention. SKIN When the kidneys do not act &-KIDNEYS nough, the skin acts more. On a cold day when the skin

184 or the same time care of the Ridneys. (Saltath ) There beam heart-disease with a ortic requipitation, and war probably ambolism of the whom arteny, the left hand become I mad force)



